

INTERNATIONAL SEARCH REPORT

II International Application No
PCT/IB2004/000708

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G01S7/52 A61B17/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 G01S A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 957 844 A (HALL CHARLES RYAN ET AL) 28 September 1999 (1999-09-28) abstract column 3, line 47 - line 65 column 8, line 66 - column 9, line 48 ----- US 2003/028113 A1 (BROADSTONE STEVEN R ET AL) 6 February 2003 (2003-02-06) abstract paragraphs '0089!, '0090! ----- US 6 375 617 B1 (FRASER JOHN D) 23 April 2002 (2002-04-23) abstract column 4, line 46 - column 5, line 9 column 12, line 35 - column 13, line 27 -----	1-20 1-20 18-20
A		



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "Z" document member of the same patent family

Date of the actual completion of the international search

4 June 2004

Date of mailing of the international search report

18/06/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Zaccà, F

INTERNATIONAL SEARCH REPORT

I	nternational Application No PCT/IB2004/000708
---	--

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5957844	A	28-09-1999		US 5810008 A US 6203497 B1 AU 5113098 A CA 2273874 A1 WO 9825159 A1 DE 69721045 D1 DE 69721045 T2 EP 0946886 A1 JP 2001514533 T		22-09-1998 20-03-2001 29-06-1998 11-06-1998 11-06-1998 22-05-2003 05-02-2004 06-10-1999 11-09-2001
US 2003028113	A1	06-02-2003		US 6379304 B1 US 6248073 B1 US 5904652 A US 5690114 A US 5590658 A US 5839442 A AT 245056 T AU 741952 B2 AU 7097698 A CA 2275577 A1 DE 69723578 D1 DE 69723578 T2 EP 0949976 A2 JP 2001507794 T US 6530887 B1 EP 1353195 A2 TW 447215 B TW 521522 B WO 9828631 A2 ZA 9711640 A AU 700274 B2 AU 6344696 A EP 0835458 A2 JP 11508461 T US 5957846 A US 5964709 A CA 2225622 A1 TW 381226 B WO 9701768 A2 US 6106472 A ZA 9605568 A		30-04-2002 19-06-2001 18-05-1999 25-11-1997 07-01-1997 24-11-1998 15-08-2003 13-12-2001 17-07-1998 02-07-1998 21-08-2003 15-04-2004 20-10-1999 12-06-2001 11-03-2003 15-10-2003 21-07-2001 21-02-2003 02-07-1998 08-09-1998 24-12-1998 30-01-1997 15-04-1998 27-07-1999 28-09-1999 12-10-1999 16-01-1997 01-02-2000 16-01-1997 22-08-2000 29-01-1997
US 6375617	B1	18-04-2002		US 6468216 B1 US 2002045823 A1 WO 0217298 A1 EP 1216473 A1 JP 2004506498 T WO 0217296 A1 WO 0217297 A1 WO 0215775 A2 EP 1242991 A1 EP 1216472 A1 EP 1312074 A2 JP 2004506466 T JP 2004506496 T JP 2004506497 T US 2002045820 A1 US 2002045822 A1		22-10-2002 18-04-2002 28-02-2002 26-06-2002 04-03-2004 28-02-2002 28-02-2002 28-02-2002 25-09-2002 26-06-2002 21-05-2003 04-03-2004 04-03-2004 04-03-2004 18-04-2002 18-04-2002

INTERNATIONAL SEARCH REPORTInternational Application No
PCT/IB2004/000708

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6375617	B1	US 2002045830 A1	18-04-2002
		US 2002045824 A1	18-04-2002
		US 2002045826 A1	18-04-2002
		US 2002045827 A1	18-04-2002